

**Amendments to the Claims:**

The following listing of claims replaces all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-7. (Canceled)

8. (Original) A method of producing a conductor track structure on a non-conductive support comprising:

- providing a non-conductive support having at least a surface formed of a non-conductive supporting material having at least one thermally stable, spinel-based, non-conductive metal oxide which is stable and insoluble in aqueous acid or alkaline metallization baths dispersed therein;

- irradiating areas of said support on which conductive tracks are to be formed with electromagnetic radiation to break down the non-conductive metal oxides and release metal nuclei, and

- subsequently metallizing the irradiated areas by chemical reduction.

9. (Original) A method according to claim 8, wherein said non-conductive support is provided by dispersing the non-conductive spinel-based metal oxide into the non-conductive supporting material and molding the supporting material containing dispersed metal oxide into a non-conductive support.

10. (Original) A method according to claim 8, wherein said non-conductive support is provided by dispersing the non-conductive spinel-based metal oxide into the non-conductive supporting material and coating a substrate with the supporting material containing dispersed metal oxide.

11. (Original) A method according to claim 8, wherein the electromagnetic radiation used to release metal nuclei simultaneously ablates the support and forms an adhesion-promoting surface.

12. (Original) A method according to claim 8, wherein the non-conductive metal oxide contains copper.

13. (Original) A method according to claim 8, wherein the non-conductive supporting material comprises a thermoplastic synthetic resin material.

14. (Original) A method according to claim 8, wherein the non-conductive supporting material comprises a thermosetting synthetic resin material.

15. (Original) A method according to claim 8, wherein the non-conductive supporting material contains at least one inorganic filler.

16. (Original) A method according to claim 15, wherein the at least one inorganic filler is selected from the group consisting of silicic acid and silicic acid derivatives.

17. (Original) A method according to claim 8, wherein the electromagnetic radiation is laser radiation.

18. (Original) A method according to claim 17, wherein the laser radiation has a wavelength of 248 nm.

19. (Original) A method according to claim 17, wherein the laser radiation has a wavelength of 308 nm.

20. (Original) A method according to claim 17, wherein the laser radiation has a wavelength of 355 nm.

21. (Original) A method according to claim 17, wherein the laser radiation has a wavelength of 532 nm.

22. (Original) A method according to claim 17, wherein the laser radiation has a wavelength of 1064 nm.

23. (Original) A method according to claim 17, wherein the laser radiation has a wavelength of 10,600 nm.